Misc NW Note 1

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24 November 1969

YET ANOTHER SERIES

Along with the formal BB and N reports and the less formal NWG/RFC notes, we are acquiring some unorganized information not of general concern. This series of notes will cumulate these tidbits.

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Random Facts

1. There are two operational IMP programs called the Sept 4 system and the Nov 15 system. The latter has several bugs fixed and has a more uniform measurement package.

2. When a message gets to an IMP with a dead host, nothing happens to the message. It is discarded with a long term timeout.

3. A message is accepted by the local IMP (HOST-to-IMP) if the IMP begins to transmit any regular message or RFNM after the last bit of the message is in the IMP.

4. RFNM's are sent after the first packet of the message is in the receiving HOST.

DDT

The following is a crud description of the IMP's DDT:

⟨octal⟩ /	⇒	open and print out ⟨octal⟩
⟨octal⟩ (LF)	⇒	insert ⟨octal⟩ and close currently open cell
(CR)	⇒	open next cell
↑	⇒	open previous cell
⟨octal⟩ (CR)	⇒	insert ⟨octal⟩, and open next
⟨octal⟩ ↑	⇒	insert ⟨octal⟩ and open previous
Q	⇒	reverse quiet mode — if response is (CR), then not quiet.
		quiet mode ⇒ inhibit response

Sense Switch Control

SS 1 up	⇒	reverse source and destination of all packets going out to modem
SS 2 up	⇒	?
SS 3 up	⇒	IMP will remove itself from net gracefully — takes about 20 seconds
SS 4 up	⇒	DDT can store or execute program.

More IMP input (DDT or TTY GHOST)

⟨octal⟩, ⟨octal⟩ {H / L} ⇒ set leader

;⟨ascii⟩ ; ⇒ send message with current leader

may have octal by

;⟨octal⟩ (CR)

Multiple ";⟨octal⟩" will use last

If odd ⟨ascii⟩, last is lost

Colon and semi-colon not quotable except via <octal>

To disable routing

In Sept 4 system, change 11177 from 120134 to 101000

In Nov 15 system, change 11254 from 120134 to 101000

Restart IMP at 2000.

This patch NoP's the routing so that messages for non-existent hosts are not discarded.

BBN Report 1822

I have revisions 2 and 3 to BB&N report 1822. Anyone needing these updates should inform me.